

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of
Niels Christiansen
Serial No.: Not yet known
Filed: Concurrently herewith
For: SOLID OXIDE FUEL CELL

New York, New York
Date: February 2, 2001
Group Art Unit:---
Examiner: ---

Asst. Commissioner for Patents
Washington, D.C. 20231

PRELIMINARY AMENDMENT

Sir:

Preliminary to examination of above application, please amend the application as follows:

IN THE CLAIMS:

Please amend the claims as follows:

Claim 9, lines 1 and 2, change "according to anyone of the preceding claims" and insert -- of claim 1 --.

Please add the following new claims:

-- 10. Solid oxide fuel cell of claim 2, wherein a planar support in form of a porous plate structure supporting on one planar surface a layer of electrode active material and with internally elongated gas supply channels formed inside the structure.

11. Solid oxide fuel cell of claim 3, wherein a planar surface on opposite side to the surface supporting electrode active material being provided with a dense layer of gas impermeable and electronic conductive material.

12. Solid oxide fuel cell of claim 4, wherein the dense layer is a ceramic and/or metallic layer.

13. Solid oxide fuel cell of claim 5, wherein the electrode layer is active in electrochemical anode reactions and wherein the layer is covered by a further dense layer of electrolyte material.

14. Solid oxide fuel cell of claim 6, wherein the porous plate is made from ferritic stainless steel, nickel-based alloys and/or high chromium alloys.

15. Solid oxide fuel cell of claim 7, wherein rim of the porous plate is gas impermeable.

16. Solid oxide fuel cell of claim 8, wherein rim of the porous plate is supporting a dense layer of electrolyte material.

17. Solid oxide fuel cell of claim 9, wherein the porous structure is catalytic active in conversion of feed gas to fuel cell reactant gas. --

REMARKS

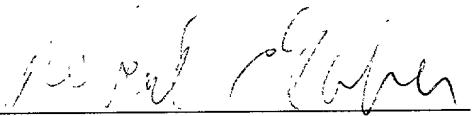
The claims have been amended to change the multiple dependent claim to a single dependent claim in order to reduce the government filing fee.

EXPRESS MAIL CERTIFICATE

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail Post Office to Addressee (mail label # EL583735859US) in an envelope addressed to: Asst. Commissioner for Patents, Washington, D.C. 20231, on February 2, 2001:

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Respectfully submitted,


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